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ABSTRACT OF THE DISCLOSURE

5 An apparatus for controlling an electromagnetic parts
feeder comprises a vibrating unit provided with an
10 electromagnet that vibrates at a predetermined frequency, a
bowl adapted to discharge parts accommodated therein by means
of the vibrating unit, a driving circuit for driving the
electromagnet, and a control unit for outputting a driving
15 driving. The control is performed by idling the driving of
the electromagnet temporarily at every predetermined driving
cycles thereof and controlling the vibration of the
electromagnet based on a signal obtained from a coil of the
electromagnet by its electromagnetic induction during the
idling period, for instance, based on a phase difference
between a waveform of this signal and the driving signal of
the driving circuit.

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